

Three New Wiggler Stations Built by Graduate Students

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Nearly a dozen Cornell faculty groups have teamed up to build three new wiggler beamline stations at CHESS. In cooperation with experienced CHESS scientists and technical staff, over the course of three years some 12-18 graduate students have participated in the design and construction of the G-line beamline optics and experimental hutch equipment that they will need to collect data for their doctoral thesis work. Under the supervision of Smilgies, Woll and Fontes, the students have learned how to best design, build and use synchrotron radiation facilities.

(top) Sterling Cornaby working on electronics.

(middle) Dave Nowak calibrating motor positions.

(bottom) Daniel Blasini moves the crystal translation stage.

